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PTO/SB/21 (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<h1>TRANSMITTAL FORM</h1> <p>(to be used for all correspondence after initial filing)</p>	Application Number	09/618,741	
	Filing Date	July 18, 2000	
	First Named Inventor	Thomas M. Hartnett	
	Group Art Unit	1731	
	Examiner Name	J. Derrington	
Total Number of Pages in This Submission	16	Attorney Docket Number	RTN2-118PUS

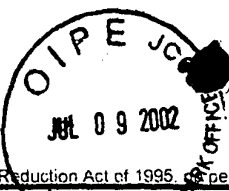
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return-receipt postcard Check in the amount of \$36.00
Remarks In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.		

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 TC 1700

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name Signature Date	Richard M. Sharkansky Reg. No. 25,800 Daly, Crowley & Mofford, LLP  June 28, 2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:			
		June 28, 2002	
Typed or printed name	Anna Maria Keel		
Signature		Date	June 28, 2002

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number	09/618,741
Filing Date	July 18, 2000
First Named Inventor	Thomas M. Hartn tt
Examiner Name	J. Derrington
Group Art Unit	1731
Attorney Docket No.	RTN2-118PUS

TOTAL AMOUNT OF PAYMENT (\$)  
**36**

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: **50-0845**  
Deposit Account Name: **Daly, Crowley & Mofford, LLP**

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)  
**0**

### 2. EXTRA CLAIM FEES

Total Claims: **31**  
Previously Paid: **20**  
Fee from below: **11**  
Fee Paid: **36**

Independent Claims: **3**  
Fee from below: **0**  
Fee Paid: **0**

Multiple Dependent: **3**  
Fee from below: **0**  
Fee Paid: **0**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	13	203	9	Claims in excess of 20
102	84	202	42	independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)  
**36**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

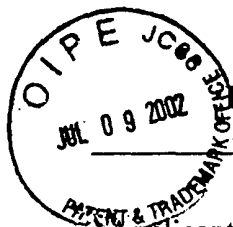
SUBTOTAL (3) (\$)  
**0**

## SUBMITTED BY

Name (Print/Type)	<b>Richard M. Sharkansky</b>	Registration No. (Attorney/Agent)	<b>25,800</b>	Telephone	<b>781.401.9988 ext. 23</b>
Signature	<i>[Signature]</i>	Date	<b>6/28/02</b>		

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Thomas M. Hartnett et al.

Application No.: 09/618,741

Filing Date: July 18, 2000

Entitled: METHOD OF MAKING ALUMINUM  
OXYNITRIDEDocket No.: RTN2-118PUS (formerly  
07206-118001)

Group Art Unit: 1731

Examiner: James H. Derrington

COPY OF PAPERS  
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8/13/02

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June 28, 2002  
Date of Signature  
and Mail Deposit

By:

Anna Maria Keel  
Anna Maria Keel

RESPONSE

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This is in response to the Office Action mailed April 1, 2002.

Please amend the above-identified application as follows:

In the Claims

A clean copy of the claims as amended is presented below, a comparison copy is  
attached:

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TC 1700

1. (Amended) A method of making aluminum oxynitride, the method comprising:  
providing a chamber having a temperature equal to or greater than 1700°C;

07/12/2002 ANABI1 00000121 09618741

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